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3 We claim as our invention:
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5 1. A computer system for ongoing monitoring and providing medication
6 dosage recommendation to diabetic patients, comprising:

7 a database for storing patient data;

8 patient means of database access comprising one of web access,
9 touch tone telephone access and speech recognition access;

10 a server;

11 a first set of programs contained within said server for processing
12 the patient data and interfacing said patient means of data base access;

13 a computer terminal connected to the server through the World
14 Wide Web containing said set of programs including the specific interface
15 to the system for a patient's physician to enter patient specific parameters
16 relevant to compute one of the insulin and other medication dosage;

17 a second set of programs contained within said server for diabetic
18 management for interface by a patient and the patient physician by said
19 patient means of database access;

20 and the second set of programs to be used to enter the current
21 blood glucose, the planned intake of carbohydrates, and to generate a
22 recommendation of one of a dosage of diabetic medication and a quantity
23 of glucose for intake.